

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

API NUMBER: 019 26026

Approval Date: 12/23/2013
Expiration Date: 06/23/2014

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 2S Rge: 2W County: CARTER
SPOT LOCATION: NW NW NE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2468 1400

Lease Name: RITTER Well No: 1-36 Well will be 172 feet from nearest unit or lease boundary.
Operator Name: WILDHORSE OPERATING COMPANY Telephone: 5802230936 OTC/OCC Number: 20720 0

WILDHORSE OPERATING COMPANY
PO BOX 1604
ARDMORE, OK 73402-1604

SPEAKE LAND HOLDING, LLC
22324 STATE HWY 53
SPRINGER OK 73458

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Depth	Name	Depth
1	PERMIAN	400	6	
2	CISCO	700	7	
3	DEESE	1500	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 1500 Ground Elevation: 872 **Surface Casing: 0** Depth to base of Treatable Water-Bearing FM: 850

Cement will be circulated from Total Depth to the Ground Surface on the Production Casing String.

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. 20-MIL LINER REQUIRED

Notes:

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
ALTERNATE CASING	12/17/2013 - G71 - APPROVED CONTINGENT ON (1) MUDDING UP PRIOR TO TD TO PROTECT SHALLOW SANDS & (2) COPY OF CBL NEEDS TO BE SUBMITTED TO THE TECHNICAL STAFF IMMEDIATELY. A COMPLETION ATTEMPT, IN CASES WHERE THE PROTECTION OF THE TREATABLE WATER IS QUESTIONABLE, IS STRICTLY PROHIBITED. RULE 165: 10-3-4 (D)(4)(C)
SPACING	12/23/2013 - G30 - FORMATIONS UNSPACED, 100 ACRE LEASE (E2 SW4 & E2 NW4 SW4)

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